



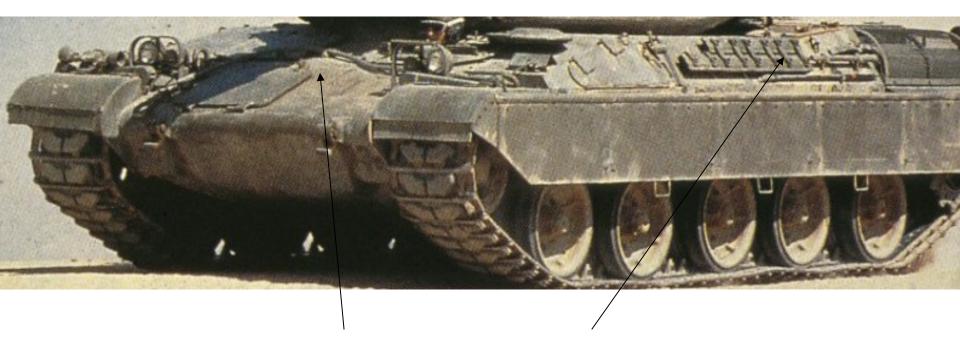
RSLC VEHICLE IDENTIFICATION "TOP 50"



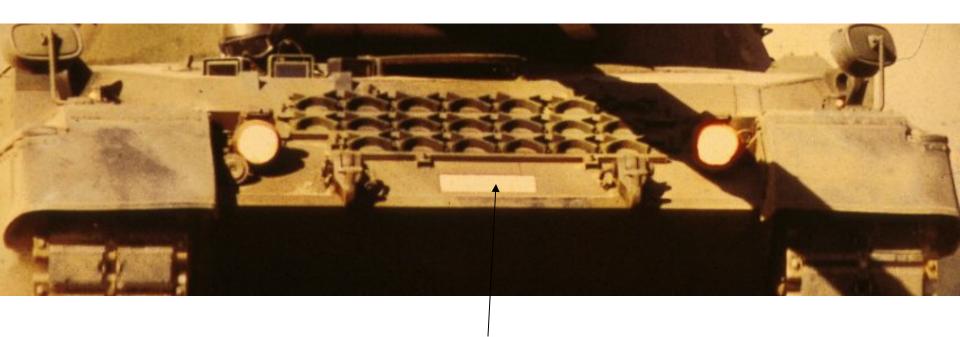


TYPES AND TERMS

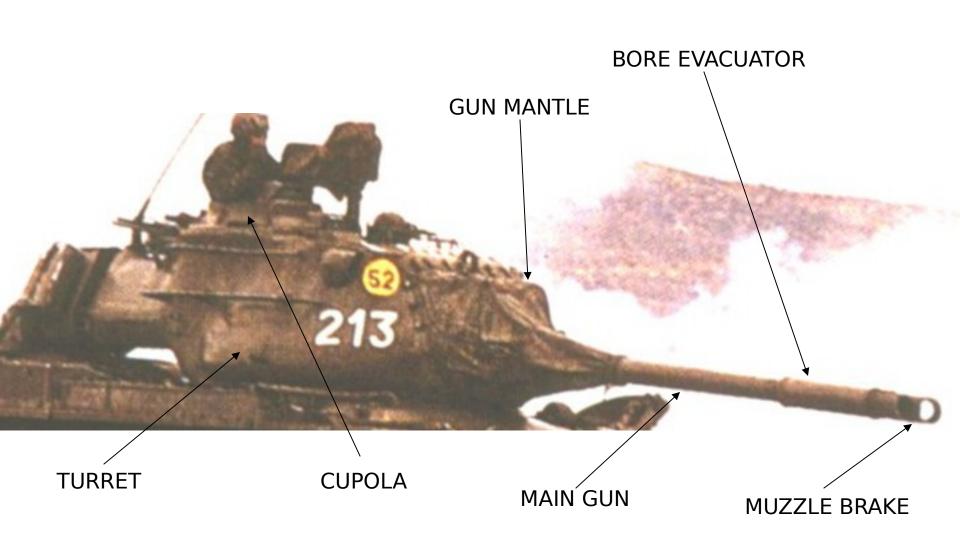




HULL AND CHASSIS



GLACIS







TANKS



<u>T-72</u>



- •SIX LARGE ROAD WHEELS EVENLY SPACED ON SUPPORTED TRACK
- 'NEW' STYLE GLACIS WITH "V" SHAPED SPLASH GUARD
- CLEAN HULL WITH DRIVER FRONT CENTER
- DRIVER HAS ONE VISION PORT
- "HEART" SHAPED TURRET WITH SMOKE DISCHARGERS ON FRONT
- •THIN RECTANGULAR GUNNER SIGHT HIGH AND LEFT ON TURRET
- •IR SEARCH LIGHT LOW AND RIGHT OF MAIN GUN
- •125mm MAIN GUN WITH BORE EVACUATOR 1/3 FROM END OF BARREL
- •CAN CARRY EXTERNAL FUEL CANS LOW AND TOGETHER ON HULL REAR
- •TC MACHINE GUN AND IR LIGHT OPPOSE EACH OTHER ON CUPOLA





T-80B



- •SIX SMALL ROAD WHEELS SPACED IN PAIRS ON SUPPORTED TRACK
- •HULL HAS T-72 APPEARANCE WITH DRIVER FRONT CENTER
- DRIVER HAS THREE VISION PORTS
- EXHAUST IS RECTANGULAR GRILL CENTER REAR
- EXTERNAL FUEL MOUNTS HIGH AND SEPARATE
- •LARGE SNORKEL TUBE ON TURRET REAR
- •LARGE RECTANGULAR GUNNER SIGHT HIGH AND LEFT ON TURRET
- •IR SEARCH LIGHT LOW AND RIGHT OF MAIN GUN
- •125mm MAIN GUN WITH BORE EVACUATOR 1/3 FROM END OF BARREL





LEOPARD 2



- •SEVEN ROAD WHEELS EVENLY SPACED ON SUPPORTED TRACK
- •CAN HAVE 1/3 OF TRACK SKIRT STRAIGHT, 2/3 WILL BE "WAVY"
- HULL ANGLES UP TOWARD REAR
- DRIVER TOP RIGHT ON HULL
- VERTICAL SIDES FRONT AND REAR OF TURRET
- •120mm MAIN GUN WITH "BULBOUS" BORE EVACUATOR 2/3 DOWN FROM MUZZLE
- •GUNNERS SIGHT CUT OUT OF TURRET TOP RIGHT
- EXHAUST GRILL RUNS THE WIDTH OF HULL REAR







RECONNAISSANCE VEHICLES



BRDM-2



- 2 AXLE WITH BELLY WHEELS
- 2 HORIZONTAL LINES ON HULL
- 2 FOOT STEPS
- HULL ANGLES IN FROM BODY LINE
- PROTRUDING VISION PORTS ON L&R SIDES
- BOAT SHAPED NOSE
- FORDING PLATE UNDER NOSE
- DRIVER / TC HATCHES OPEN INWARD
- SMALL TURRET
- AUTOMOTIVE STYLE MUFFLERS ON TOP L&R REAR CORNERS
- REAR LOOKS LIKE CHEVY SYMBOL





AML-90



- •TWO AXLE, WHEELED VEHICLE
- "CHEESE GRATER" ON NOSE
- DRIVER SITS FRONT CENTER
- •CREW ACCESS DOORS LEFT AND RIGHT SIDES OF CHASSIS
- DISTINCTIVE 'CUT-OUTS' BETWEEN AXLES
- •LARGE LOW TURRET WITH 90mm MAIN GUN
- TURRET LOOKS TOO LARGE FOR VEHICLE





<u>V-150</u>



- TWO AXLED WHEELED VEHICLE
- HULL IS ANGLED ON ALL SIDES
- •TWO PIECE DOORS ON LEFT AND RIGHT SIDES AND RIGHT REAR
- •TWO SMALL CIRCULAR EXHAUST PORTS IN REAR
- •THREE WINDOWS UP FRONT (TWO FOR DRIVER AND ONE FOR CDR)
- •TWO HATCHES JUST BEHIND FRONT WINDOWS
- WINCH MOUNTED FRONT RIGHT OF HULL
- NUMEROUS TYPES OF ARMAMENT







INFANTRY FIGHTING VEHICLES



BMP-1



- •SIX SMALL STAMPED ROAD WHEELS EVENLY SPACED ON A SUPPORTED TRACK
- •LONG, LOW BOAT SHAPED BODY (AMPHIBIOUS)
- VERTICAL LINES ON TRACK SKIRTS
- •SMALL RECTANGULAR EXHAUST ON RIGHT SIDE OF HULL
- •TRIM VANE MOUNTED ON TOP FRONT OF HULL
- "RIBS" ON GLACIS PLATE JUST BEHIND TRIM VANE
- •DRIVER SITS LEFT FRONT WITH CDR'S HATCH BEHIND DRIVER WITH IR SEARCH LIGHT
- •SMALL, ONE MAN TURRET
- •73mm MAIN GUN CAN MOUNT AT-3 ON TOP OF MAIN GUN OR AT-4/5 ON TOP OF TURRET
- •4 GUN PORTS ON LEFT AND RIGHT SIDES





STRYKER



- 4 AXLE IN 2X2 CONFIGURATION
- TOOTH IN BETWEEN THE 2ND AND 3RD AXLE
- LONG BLUNT WEDGE SHAPE SHAPED GLACIS
- WINCH ON TOP OF GLACIS W/ LARGE ROUND WINCH MECHANISM LEFT SIDE
- ANGLES L&R FRONT OF HULL
- ANGULAR SIDES OF HULL
- LARGE REAR RAMP WITH SMALL DOOR IN IT
- PERFORATED STORAGE RACKS ON UPPER REAR OF HULL
- DRIVER TOP LEFT FRONT OF HULL
- CAN HAVE VARIOUS CONFIGURATIONS OF WEAPONS AND ADD ON ARMOR
- IT'S A MFRICAN!





WARRIOR



- •SIX ROAD WHEELS SPACED IN SETS OF THREE ON A SUPPORTED TRACK
- LARGE BLOCKY HULL
- DRIVER FRONT LEFT IN A SQUARE HATCH
- **•TWO DOORS IN REAR**
- TWO BOXES LEFT AND RIGHT REAR
- EXHAUST GRATES RIGHT SIDE OF HULL
- TURRET MOUNTED CENTER WITH 30mm CHAIN GUN
- •TWO LARGE SIGHTS LEFT AND RIGHT TOP OF TURRET ("EYES OF THE WARRIOR")







ARMORED PERSONNEL CARRIERS



BTR-80



- FOUR AXLES EVENLY SPACED
- •MIDDLE FOOT STEP REPLACED WITH IMPROVED TWO SECTION "CRAZY IVAN" HATCH
- BROKEN BODY LINE DOWN BOTH SIDES
- POINTY NOSE WITH FORDING PLATE ON TOP
- •REAR HAS HIGH MOUNTED BUMPERS LEFT AND RIGHT WITH SINGLE TEAR-DROP HYDROJET COVER
- FIRING PORTS RECESSED IN BODY SIDES
- •90 DEGREE ANGLE IN REAR WITH LARGE TUBULAR EXHAUST LEFT AND RIGHT
- •SAME TURRET AS -60PB AND -70 WITH SMOKE DISCHARGERS ON TURRET REAR





FUCHS



- •THREE AXLES EVENLY SPACED (FRONT TWO CAN STEER)
- TRIM VANE ON NOSE
- ONE LARGE WINDOW UP FRONT
- •LARGE CREW DOORS LEFT AND RIGHT FRONT WITH SQUARE FOOT STEPS
- EXHAUST RUNS ALMOST ENTIRE LENGTH OF LEFT SIDE
- •LARGE RECTANGULAR TROOP DOORS IN REAR WITH SQUARE FOOT STEPS
- •UNPROTECTED PROPELLERS BEHIND LAST WHEEL LEFT AND RIGHT SIDE





VAB 4X4



- SINGLE AXLE CONFIGURATION WITH LARGE BOX BETWEEN AXLES
- •VERY SMALL CREW DOORS LEFT AND RIGHT FRONT
- FLAT NOSE WITH THICK TRIM VANE ON TOP
- •TWO WINDOWS UP FRONT
- THREE PLATED WINDOWS ON LEFT AND RIGHT SIDE REAR
- EXHAUST BULGE RIGHT SIDE WITH TUBE RUNNING LENGTH OF HULL TOP
- TWO CREW DOORS ANGLED IN AT BOTTOM WITH WINDOW FOR EACH
- ENCASED PROPELLERS BEHIND LAST WHEEL LEFT AND RIGHT







HAND HELD WEAPONS

WEAPON RELATED TERMS





<u>MP5</u>



- RECEIVER IS GROOVED
- CIRCULAR FRONT SIGHT POST GUARD
- REAR SIGHT 'DRUM' TILTED FORWARD
- CHARGING HANDLE ON LEFT SIDE KNOB BEHIND FRONT SIGHT POST
- SELECTOR LEVER LEFT SIDE
- DOTS ON RIGHT SIDE (INDICATE MODE OF FIRE)
- FRONT GRIP MAY CHANGE
- BUTTSTOCK MAY CHANGE





AKS-74U



- AK RECEIVER
- FRONT SIGHT ON TOP OF GAS STOP
- 'TRIANGULAR' REAR SIGHT MOUNTED MID-WAY ON TOP OF RECEIVER
- THICK, STUBBY BARREL
- CONICAL FLASH SUPPRESSOR
- CAN HAVE SOLID OR FOLDING BUTTSTOCK





RPD



- FED BY BELT FROM A DRUM
- NON-DISINTEGRATING BELT
- DOG BONE SHAPED FRONT HAND GUARD
- FIXED BARREL
- GAS TUBE BELOW BARREL
- LONG, THIN BIPOD LEGS
- SQUAT WOODEN BUTTSTOCK
- CLOSED LOOP FRONT SIGHT POST GUARD





PKM



- BELT FED FROM 'LUNCH-PAIL' DRUM
- THIN RECTANGULAR RECEIVER
- LONG, THIN, FLUTED BARREL
- AK STYLE FRONT SIGHT POST
- CARRYING HANDLE ON TOP WHERE RECEIVER MEETS THE BARREL
- HOLE IN WOODEN BUTTSTOCK
- GAS TUBE UNDER BARREL
- RIVETS ALL OVER RECEIVER
- BIPOD LEGS ARE MOUNTED ON THE GAS TUBE





MG-3



- VERY LONG MACHINE GUN
- TOP LEFT AND UNDER VENTED
- OPEN ON RIGHT SIDE FOR BARREL REMOVAL
- CAPITAL 'T' COCKING HANDLE
- THREADED, THEN CONICAL MUZZLE





FN-FNC



- ANGULAR UPPER RECEIVER
- SHORT HANDGUARD BEHIND UNIQUE "ICE CREAM CONE" HEAT SHIELD
- HAND GUARDS ARE USUALLY SLOTTED
- CHARGING HANDLE ON RIGHT SIDE ABOVE EJECTION PORT (POINTS TO SIDE)
- SELECTOR LEVER ON LEFT SIDE
- EXTENDED MAGAZINE WELL ON SMOOTH RECEIVER
- CAN HAVE A FIXED OR FOLDING STOCK









AKM



- 3 VERTICAL LINES ON RECEIVER COVER
- DIMPLE ABOVE MAGAZINE ON RECEIVER
- RIVETS ALL AROUND RECEIVER
- GAS TUBE FLUTED (NOT PERFORATED)
- END OF MUZZLE CAN BE ANGLED





<u>G-3</u>



- MP-5 STYLE RECEIVER (LOOKS LIKE A LONG MP-5)
- LONG HAND GUARD
- SAME SIGHTS AS AN MP-5
- SIMILAR CHARGING HANDLE TO THE MP-5 (LEFT FRONT)
- HAND GUARD CAN BE VENTED
- ANGLED MAGAZINE WELL WITH TRIANGLE STAMPED ON IT
- CAN HAVE A FIXED, FOLDING OR COLLAPSIBLE BUTT STOCK









GALIL



- AK-47 'LOOK-ALIKE'
- CAN HAVE SEVERAL DIFFERENT BUTTSTOCK CONFIGURATIONS
- TWO-STEP REAR SIGHT
- MAGAZINE GOES DIRECTLY INTO LOWER RECEIVER
- AK STYLE MAGAZINE RELEASE
- AK-STYLE SELECTOR LEVER







AIR DEFENSE



ZU-23



- ADA GUN SYSTEM MOUNTED ON A SINGLE AXLE TRAILOR
- NORMALLY FITTED WITH SHORT THIN MUDGUARDS
- 2 SEATS
- DISTINCTIVE FLASH SUPPRESSORS
- LARGE CARRYING HANDLES ON BARRELS
- 3 DISTINCTIVE TOOTHED BASE PLATES
- L&R SIDES HAVE LARGE AMMO BOXES OR PLATFORMS FOR BOXES



& FARS NEWS AGENCY



ZPU-4



- TOWED ON TWO AXLE TRAILER
- FOUR FIRING JACKS
- FOUR BARRELS, 14.5mm EACH
- FOUR AMMO CANS
- ONE SEAT AT REAR OF GUNS





SA-2 (GUIDELINE)



- 2 STAGE MISSILE LONG AND SKINNY
- 2 SETS OF 4 LARGE FINS
- 2 SETS OF 4 SMALL FINS
- FINS ARRANGED IN SMALL-BIG-SMALL-BIG CONFIGURATION
- FIRES FROM A FIXED SITE (GROUND MOUNTED)
- ASSOCIATED RADARS; FAN SONG OR SPOON REST

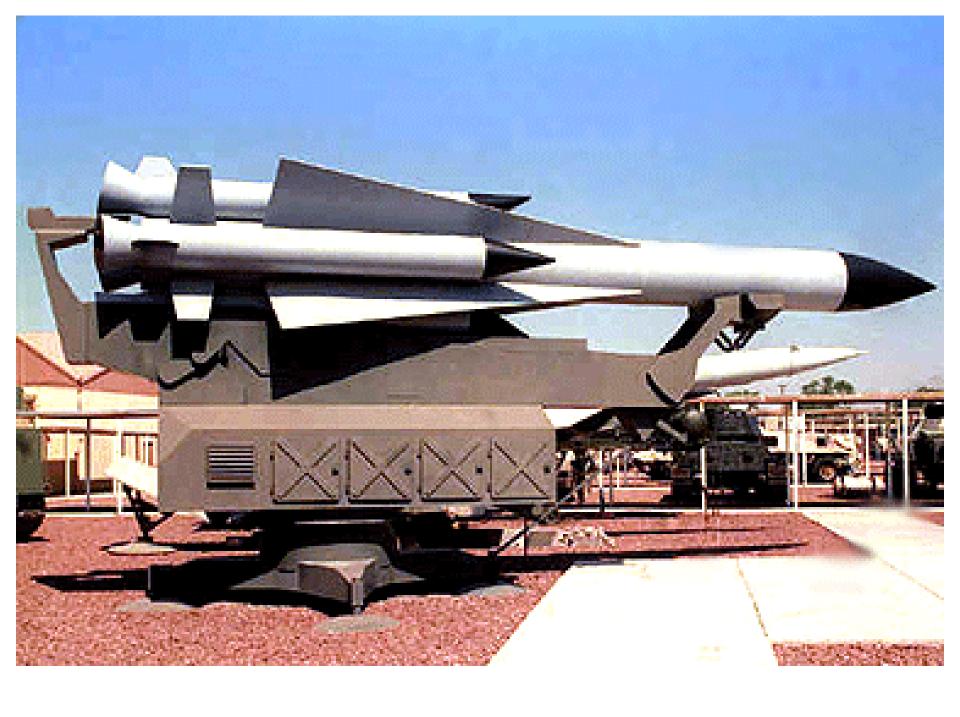




SA-5/ GAMMON



- SINGLE MOUNT LAUNCHER
- LARGE MISSILE
- 'DELTA' SHAPED FINS
- FOUR BOOSTER ROCKETS ON SIDES OF MISSILE
- USES <u>SQUARE PAIR</u> RADAR FOR FIRE CONTROL





SA-13 (GOPHER)



- AIR DEFENSE MISSILE SYSTEM BASED ON THE MTLB CHASSIS
- NO MINI TURRET
- SIMILAR MISSILE TURRET TO THE SA-9
- RIBS IN WINDOW
- SMALL RADAR DISH IN BETWEEN MISSILES
- CAN HAVE UP TO 4 MISSILES (SIMILAR TO SA-9)
- MISSILE PROTECTION FRAMEWORK AROUND REAR OF CHASSIS
- MISSILES FOLD FLAT FOR TRAVEL
- IFF ANTENNA ON TOP OF RIGHT MISSILES







COMMAND AND CONTROL



BRDM-2U



- BASED ON A MODIFIED BRDM-2 CHASSIS
- NO TURRET
- D SHAPED HATCH IN PLACE OF TURRET
- LARGE ANTENNA AND MOUNTS L&R FORWARD TOP OF HULL (NOT SAME LOCATION ON EA SIDE)
- ADDITIONAL ANTENNA ON RIGHT SIDE AT BODY LINE
- CAN HAVE A RECTANGULAR BOX TYPE (MERMITE STYLE)
 GENERATOR ON TOP (MOUNTS WILL BE PRESENT IF GENERATOR IS
 NOT)



Reconnaissance and Surveillance Leader



M577



- MODIFIED M113 CHASSIS
- LARGE BOXY REAR OF CHASSIS
- GENERATOR BASKET LOCATED NEXT TO DRIVER
- TRACK CDR LOCATED TOP CENTER BEHIND GENERATOR BASKET
- CAN HAVE CANVAS AND BOWS ON REAR





BMP-1KSH



- MODIFIED BMP-1 CHASSIS
- NO GUN; 'HAWKEYE' ANTENNA EXTENDS FROM FRONT OF TURRET
- ANTENNA TELESCOPES UPWARD
- RIGHT REAR SIDE IS TUBULAR CASE FOR 'HAWKEYE'ANTENNA PARTS
- REAR CENTER BOX (GENERATOR) LOOKS LIKE MERMITE CAN
- 4 WHIP ANTENNAS ON REAR; 2 LEFT, 2 RIGHT







HELICOPTERS



MI-2 (HOPLITE)



- ROUNDED NOSE
- SHORT STUBBY BODY
- 3 WHEELS; 1 FRONT, 2 REAR ON STRUTS
- LARGE ENGINE HOUSING OVER THE BODY
- 2 INTAKES TOP FRONT
- 2 EXHAUSTS LEFT AND RIGHT TOP CENTER
- 3 MAIN ROTOR BLADES
- 2 TAIL ROTOR BLADES
- TAIL BOOM EXTENDS FROM UPPER PART OF FUSELAGE





<u>PUMA</u>



- 4 MAIN ROTOR BLADES
- 5 TAIL ROTOR BLADES
- WIDE NOSE/COCKPIT AREA
- 4 WINDOWS ON EACH SIDE OF FUSELAGE
- ENGINE HOUSING STARTS AT FRONT OF CREW CABIN
- HEAVY TAIL SECTION
- SINGLE HORIZONTAL STABILIZER ON TOP LEFT OF VERTICAL STABILIZER





<u>MI-24 (HIND)</u>



- 5 MAIN ROTOR BLADES
- 3 TAIL ROTOR BLADES
- LARGE, COVERED ENGINE AIR INTAKES
- TANDEM SEATS WITH BULBOUS CANOPIES
- WEAPONS PODS AND SENSORS ON NOSE
- STUBBY 'WINGS' LEFT AND RIGHT SIDE TO MOUNT WEAPONS
- TRICYCLE LANDING GEAR RETRACTS IN FLIGHT
- TAIL BOOM TAPERS FROM REAR OF FUSELAGE
- BULKY APPEARANCE
- "FLYING TANK"







RADARS



<u>PRP- 4</u>



- ARTILLERY C3 VEHICLE
- MODIFIED BMP-1 CHASSIS
- SMALLER RADAR THAN PRP-3, TOP REAR OF TURRET, LOOKS LIKE A SEAT WHEN UP
- SINGLE 7.62mm MG SET IN SMALL BALL ON FRONT OF TURRET
- TWO LARGE OPTICS L&R SIDE OF TURRET WITH TWO SMALLER OPTICS ON TOP OF TURRET





FAN SONG



- FIRE CONTROL RADAR ASSOCIATED WITH SA-2
- LARGE TRAILER MOUNTED RADAR
- CAPITOL T SHAPED RECEIVER HORNS LAYING ON SIDE
- CIRCULAR RADAR DISHES (CAN BE SOLID OR MESH OR A COMBINATION)
- USUALLY HAS ONE OR THREE DISHES





SNAR-10



- MODIFIED MTLB CHASSIS
- LARGE D-SHAPED TURRET MOUNTED AT REAR OF HULL
- TURRET HAS 2 'LEVELS'
- 'BOX' ON RIGHT SIDE OF HULL BELOW TURRET EXHAUST





SQUARE PAIR



- FIRE CONTROL RADAR FOR THE SA-5/GAMMON
- TWO DIFFERENTLY SIZED SQUARE RADAR DISHES
- LARGE FEED HORN MOUNTED BETWEEN DISHES
- SMALL CIRCULAR DISC RADAR MOUNTED LEFT SIDE







ARTILLERY TOWED AND SELF PROPELLED



M101



- SINGLE AXLE
- SPLIT, BOXY TRAILS
- SHORT, SMOOTH BARREL (NO MUZZLE BRAKE)
- RECOIL AND RECUPERATION SYSTEM OVER/UNDER (SAME LENGTH)
- RIGHT TRAIL HAS TOWING HITCH
- EACH TRAIL HAS SPADE ON THE END





<u>D-1</u>



- SINGLE AXLE
- SPLIT BOXY TRAILS
- D-1; LOOKS LIKE AN M-30 ON STEROIDS
- THICK BARREL WITH DOUBLE BAFFLE MUZZLE BRAKE
- RECOIL AND RECUPERATION OVER/UNDER (SAME LENGTH)
- CENTER OF BLAST SHIELD MOVES UP AND DOWN WITH BARREL





<u>D-20</u>



- SINGLE AXLE
- SPLIT BOXY TRAILS
- 2 CASTER WHEELS, ONE ON EACH TRAIL
- SMALL BASE PLATE UNDER THE BARREL WHEN TRAVELING
- WHEELS FOLD IN WHEN BASE PLATE IS DOWN
- WAVY BLAST SHIELD CAN FOLD DOWN AT TOP
- DOUBLE BAFFLE MUZZLE BRAKE
- RECOIL AND RECUPERTION SYSTEM ON TOP GOES THROUGH THE BLAST SHIELD





D-30



- SINGLE AXLE
- 3 SPLIT BOXY TRAILS
- DOUBLE OR MULTI BAFFLE MUZZLE BRAKE
- RECOIL AND RECUPERATION SYSTEM ON TOP IN A RECTANGULAR BOXY HOUSING
- TOW PINTLE: IF DOUBLE BAFFLE MUZZLE BRAKE, IT POINTS FORWARD; IF MULTI BAFFLE MUZZLE BRAKE, IT CAN ROTATE TO THE REAR





<u>2S1</u>



- 7 EVENLY SPACED ROAD WHEELS ON AN UNSUPPORTED TRACK
- LONG, LOW BOAT SHAPED BODY
- MODIFIED MTLB CHASSIS
- TURRET IS WELL BACK ON HULL
- DRIVER LEFT FRONT WITH CUT OUT
- BOLT-ON SWIM GEAR CAN BE MOUNTED ON BACK OF TURRET
- SMALL CAPITAL 'D' SHAPED TURRET
- BARREL DOES NOT OVERHANG THE FRONT OF THE HULL
- OVAL HOUSING ON TOP OF GUN MANTLE
- ONE DOOR IN REAR OF HULL
- RECTANGULAR BOX ON THE LEFT SIDE OF TURRET
- 5 STAGE BARREL SIMILAR TO THE PT-76





M-110



- TRACKED CHASSIS WITH FIVE ROADWHEELS
- NO RETURN ROLLERS
- NO IDLER WHEEL
- NO TURRET FOR 203mm GUN
- 'SLEDGEHAMMER' SHAPED HYDRAULICS FOR GUN ELEVATION
- SINGLE, BULLDOZER BLADE-LIKE SPADE IN REAR
- OLDER VERSION HAS SHORTER, 175mm BARREL
- EIGHT EXHAUST HOLES ON RIGHT SIDE OF CHASSIS







ANTI-TANK



<u>MT-12</u>



- SINGLE AXLE WITH SPLIT BOXY TRAILS
- WAVY BLAST SHIELD
- CUT OUT ON LEFT SIDE OF SHIELD FOR OPTICS
- TOWED PRIMARILY BY THE MTLB.
- SPADES AT THE END OF THE TRAILS
- RECOIL AND RECUPERATION SYSTEM BEHIND THE SHIELD
- GUN IS LOW MOUNTED
- MULTI BAFFLE OR PERFORATED MUZZLE BRAKE

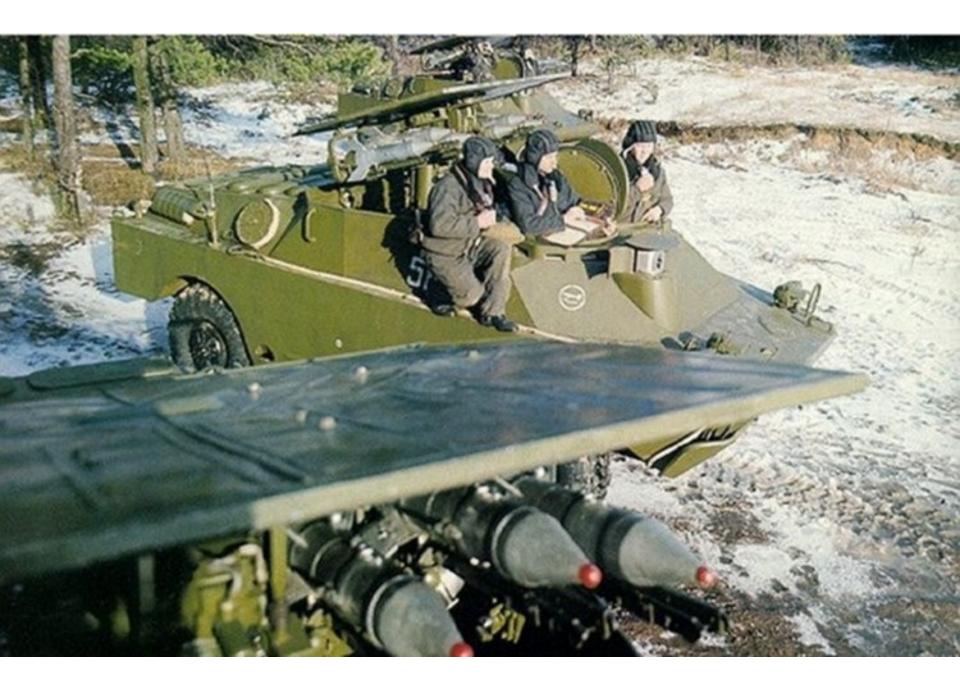




9P133



- MODIFIED BRDM-2 CHASSIS
- NO TURRET
- 6 AT-3 SAGGER MISSILES UNDER COVER PLATE
- BULGING SIDES WITH VISION PORTS MISSING
- TOP OF VEHICLE IS FLAT WHEN MISSILES ARE RETRACTED
- RIGHT FRONT OF VEHICLE COFFEE CAN SHAPED GUNNER'S SIGHT





AT-3 (SAGGER)



- GUIDED MISSILE
- TRANSPORTED IN A SUITCASE WHICH CAN BE USED AS A PLATFORM FOR FIRING
- CONTROLLED BY A 'JOY STICK'
- GUNNER USES PERISCOPE TO TRACK MISSILE





AT-4/5 (SPIGOT/SPANDREL)



- BOTH SYSTEMS ARE IDENTICAL DIFFERENCES ARE INTERNAL
- TRIPOD MOUNTED
- TRACKING/GUIDANCE SYSTEM UNDER LAUNCH TUBE RECTANGULAR IN SHAPE
- PROMINENT 'PERISCOPE' SIGHT





SPG-9



- 73mm RECIOLLESS ANTI TANK GUN
- TRIPOD MOUNTED
- LONG SMOOTH BARREL
- REAR END CONICAL IN SHAPE
- CAN BE MOUNTED ON SMALL AXLE FOR TRANSPORT







HAND HELD WEAPONS AIR DEFENSE



SA-7 (GRAIL)



- BATTERY LOCATED BELOW MUZZLE, CANISTER SHAPED
- LONG THIN LAUNCH TUBE
- BULBOUS MUZZLE





SA-14 (GREMLIN)



- BALL SHAPED BATTERY LOCATED BELOW MUZZLE
- 'OIL FILTER' SHAPED CANISTER ON BALL
- RUBBER DISK WASHER AT FRONT END





RBS-70



- TRIPOD MOUNTED WITH SEAT
- LARGE, BOXY OPTICS WITH 'EYE' ON LEFT SIDE OF SYSTEM
- TUBE IS SITUATED IN THE CENTER OF THE SYSTEM

